

METHODS AND APPARATUS FOR TRUNCATION  
COMPENSATION

ABSTRACT OF THE DISCLOSURE

A method includes calculating a sum of all samples at each projection view of a scan of an object, determining a maximum value of the calculated sums, averaging a plurality of samples  $m$  at a projection view index  $k$  when the sum of all samples at index  $k$  is less than a predetermined percentage of the maximum value, comparing the average to a threshold  $t$ , determining the projection truncated when the average is greater than  $t$ , and determining the projection not truncated when the average is not greater than  $t$ .